OIPE JC145 APR 0 4 2005 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application	PATENT APPLICATION
Inventors: Lau et al. Appln. No.: 10/806,293 Confirm. No.: 1835 Filed: March 22, 2004 Title: ELECTRODE CLEANING FOR AIR CONDITIONER DEVICES	Art Unit: 1746 Examiner: Chaudhry, Saeed T. Atty. Docket No. SHPR-01361USL **Customer No. 23910**

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on the date shown below.

By: MO Otts Dated: 3/31/2005

Mathew Otts

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

04/06/2005 BABRAHA1 00000081 10806293
01 FC:1806 180.00 OP

Dear Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

X Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with MPEP §609.

X The present application is being/was filed after June 30, 2003. In accordance with the pre-Official Gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at pac/dapp/opla/preognotice/idswouscopies.htm, copies of cited U.S. patents and publications are not enclosed. Copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR §1.98(a)(2), as still required.

X If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 CFR §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or

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PTO/SB/17 (12-04)
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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 180.00

Complete if Known	
Application Number	10/806,293
Filing Date	3/22/2004
First Named Inventor	Shek Fai Lau
Examiner Name	Saeed T. Chaudhry
Art Unit	1746
Attorney Docket No.	SHPR-01361USL

METHOD OF PAYMENT (check all that apply)

☑ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☑ Deposit Account Deposit Account Number: 06-1325 Deposit Account Name: 23910 - Fliesler Meyer LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**

☑ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☑ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

	FILING FEES		SEARCH FEES		EXAMINATION FEES		
Application Type	Fee ($)	Small Entity Fee ($)	Fee ($)	Small Entity Fee ($)	Fee ($)	Small Entity Fee ($)	Fees Paid ($)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee ($)	Small Entity Fee ($)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee ($)	Fee Paid ($)
9 - 20 or HP =	_____	x _____	= _____

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee ($)	Fee Paid ($)
_____ - 3 or HP =	_____	x _____	= _____

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims	
Fee ($)	Fee Paid ($)
_____	_____

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee ($)	Fee Paid ($)
_____ - 100 =	_____ / 50 =	_____ (round up to a whole number)	x _____	= _____

4. OTHER FEE(S)

	Fees Paid ($)
Non-English Specification, $130 fee (no small entity discount)	
Other: Information Disclosure Statement	180.00

SUBMITTED BY

Signature	[signature]	Registration No. (Attorney/Agent) 41,132	Telephone 415.362.3800
Name (Print/Type)	Jeffrey R. Kurin		Date 3/31/05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 CFR §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

This statement should be considered because:

X **37 CFR §1.97(c).** Although it may not qualify under subsection (b), this statement qualifies under 37 CFR §1.97, subsection (c) because:

(1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (check at least one of the following) --

___ (1) It is accompanied by a STATEMENT as set forth in 37 CFR §1.97(e).

-- OR --

X (2) It is accompanied by the $180 fee set forth in 37 CFR §1.17(p).

X ***Fee Authorization.*** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. _____.

Respectfully submitted,

Date: 3/31/05

By: _____

Jeffrey R. Kurin
Reg. No. 41,132

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FORM PTO-1449 (Substitute)	US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number SHPR-01361USL	Serial No. 10/806,293
INFORMATION DISCLOSURE CITATION BY APPLICANT		Applicant Lau et al.	
		Filing Date March 22, 2004	Group Art Unit 1746

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APR 04 2005
PATENT & TRADEMARK OFFICE

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	Name	Class	Subclass	Filing Date
	1.	653,421 A	7/10/1900	Lorey			8/22/1899
	2.	995,958 A	6/20/1911	Goldberg			2/10/1911
	3.	3,374,941 A	3/26/1968	Okress			6/30/64
	4.	3,540,191 A	11/17/1970	Herman			1/29/1968
	5.	4,102,654 A	7/25/1978	Pellin			7/26/1977
	6.	4,955,991 A	9/11/1990	Torok et al.			9/26/1988
	7.	4,967,119 A	10/10/1990	Torok et al.			5/27/1988
	8.	4,976,752 A	12/11/1990	Torok et al.			4/10/1990
	9.	D315,598 S	3/19/1991	Yamamoto et al.			7/12/1989
	10.	5,006,761 A	4/9/1991	Torok et al.			5/27/1988
	11.	5,012,093 A	4/30/1991	Shimizu			8/28/1989
	12.	5,012,159 A	4/30/1991	Torok et al.			11/15/1989
	13.	5,053,912 A	10/1/1991	Loreth et al.			10/1/1991
	14.	5,077,500 A	12/31/1991	Torok et al.			8/7/1989
	15.	D329,284 S	9/8/1992	Patton			4/15/1991
	16.	D332,655 S	1/19/1993	Lytle et al.			10/4/1991
	17.	5,180,404 A	1/19/1993	Loreth et al.			6/10/1991
	18.	5,248,324 A	9/28/1993	Hara			2/18/992
	19.	5,266,004 A	11/30/1993	Tsumurai et al.			11/30/1993
	20.	5,290,343 A	3/1/1994	Morita et al.			7/10/1992
	21.	5,435,817 A	7/25/1995	Davis et al.			5/20/1994
	22.	5,532,798 A	7/2/1996	Nakagami et al.			7/2/1996
	23.	D375,546 S	11/12/1996	Lee			12/27/1995
	24.	D377,523 S	1/21/1997	Marvin et al.			8/15/1995
	25.	5,641,342 A	06/24/1997	Smith et al.			12/26/1995

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NonAsterisked Items: Copies not submitted because they were submitted in prior application ____, filed ____, and relied upon under 35 USC §120.

FORM PTO-1449 (Substitute)	US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number SHPR-01361USL	Serial No. 10/806,293
INFORMATION DISCLOSURE CITATION BY APPLICANT		Applicant Lau et al.	
		Filing Date March 22, 2004	Group Art Unit 1746

	26.	D389,567 S	1/20/1998	Gudefin			11/14/1996
	27.	5,766,318 A	6/16/1998	Loreth et al.			8/12/1996
	28.	5,980,614 A	11/9/1999	Loreth et al.			2/10/1997
	29.	5,993,521 A	11/30/1999	Loreth et al.			6/6/1997
	30.	6,117,216 A	9/12/2000	Loreth			2/27/1998
	31.	6,203,600 B1	3/20/2001	Loreth			12/1/1998
	32.	6,398,852 B1	6/4/2002	Loreth			10/12/1999
	33.	6,494,940 B1	12/17/2002	Hak			9/29/2000
	34.	6,508,982 B1	1/21/2003	Shoji			12/22/1998
	35.	6,709,484 B2	3/23/2004	Lau et al.			8/8/2001
	36.	6,713,026 B2	3/30/2004	Taylor et al.			12/5/2000
	37.	6,863,869 B2	3/8/2005	Lau et al.			5/28/2002

U.S. PATENT PUBLICATIONS

Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
	38.	2004/0052700 A1	3/18/2004	Kotlyar et al.
	39.	2004/0065202 A1	4/8/2004	Gatchell et al.
	40.	2004/0136863 A1	7/15/2004	Yates et al.
	41.	2004/0166037 A1	8/26/2004	Youdell et al.
	42.	2004/0226447 A1	11/18/2004	Lau et al.
	43.	2004/0234431A1	11/25/2004	Taylor et al.
	44.	2004/0237787 A1	12/2/2004	Reeves et al.
	45.	2004/0251909 A1	12/16/2004	Taylor et al.
	46.	2004/0251124 A1	12/16/2004	Lau
	47.	2005/0000793 A1	1/6/2005	Taylor et al.

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	Inventor	Petition to Expunge	
					Yes	No
	48.	60/104,573	10/16/1998	Krichtafovitch		X

EXAMINER	DATE CONSIDERED

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		Filing Date March 22, 2004	Group Art Unit 1746

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Translation Yes	Translation No
	49.	WO92/05875 A1	4/16/1992	International	✓	
	50.	WO96/04703 A1	2/15/1996	International	✓	
	51.	WO99/07474 A1	2/18/1999	International	✓	
	52.	WO03/013734 AA	2/20/2003	International	✓	
	53.	EP 0332624 B1	1/2/1992	Europe	✓	
	54.	CN 2138764 Y	6/27/1993	China	✓	
	55.	CN 2153231 Y	12/18/1993	China	✓	
	56.	CN 87210843 U	7/6/1988	China	✓	
	57.	DE 2206057	8/16/1973	Germany	✓	
	58.	GB 643,363	9/20/1950	Great Britain	✓	
	59.	JP S51-90077	8/6/1976	Japan	✓	
	60.	JP S62-20653	2/7/1987	Japan	✓	
	61.	CN 2174002Y	08/10/1994	China	✓	
	62.	JP 10216561	8/18/1998	Japan	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	63.	Trion Console 250 Electronic Air Cleaner, Model Series 442857 and 445600, Manual for Installation·Operation·Maintenance, Trion Inc., 7 pp., believed to be at least one year prior to Nov. 5, 1998
	64.	Trion 350 Air Purifier, Model 450111-010, http://www.feddersoutlet.com/trion350.html, 12 pp., believed to be at least one year prior to Nov. 5, 1998
	65.	Trion 150 Air Purifier, Model 45000-002, http://www.feddersoutlet.com/trion150.html, 11 pp., believed to be at least one year prior to Nov. 5, 1998
	66.	Trion 120 Air Purifier, Model 442501-025, http://www.feddersoutled.com/trion120.html, 16 pp., believed to be at least one year prior to Nov. 5, 1998
	67.	Friedrich C-90A Electronic Air Cleaner, Service Information, Friedrich Air Conditioning Co., 12 pp., 1985
	68.	LakeAir Excel and Maxum Portable Electronic Air Cleaners, Operating and Service Manual, LakeAir International, Inc., 11 pp., 1971
	69.	Blueair AV 402 Air Purifier, http://www.air-purifiers-usa.biz/Blueair_AV402.htm, 4 pp., 1996
	70.	Blueair AV 501 Air Purifier, http://www.air-purifiers-usa.biz/Blueair_AV501.htm, 15 pp., 1997

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